



## ANALYTICAL REPORT

Job Number: 580-15162-1

Job Description: Rainier Commons

For:  
Clean Harbors Environmental Services Inc  
19320 Des Moines Memorial Dr  
Bldg D, Suite 400  
Seatac, WA 98148  
Attention: Shawn Estrada

Approved for release.  
Pam R Johnson  
Project Mgmt. Assistant  
9/1/2009 3:45 PM

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Designee for  
Heather Curbow  
Project Manager I  
heather.curbow@testamericainc.com  
09/01/2009

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

**TestAmerica Laboratories, Inc.**

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**Job Narrative**  
**580-J15162-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC Semi VOA - Method 8082**

The recovery of the surrogate DCB in the LCS exceeded quality control limits. The recovery was high and no target analytes were detected in the samples. No further action was taken on this outlier.

No other analytical or quality issues were noted.

**Metals**

No analytical or quality issues were noted.

**General Chemistry**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## METHOD SUMMARY

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Description	Lab Location	Method	Preparation Method
<b>Matrix: Waste</b>			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL TAC	SW846 8082	
Waste Dilution	TAL TAC		SW846 3580A
Metals (ICP)	TAL TAC	SW846 6010B	
TCLP Extraction	TAL TAC		SW846 1311
Preparation, Total Metals	TAL TAC		SW846 3010A

### Lab References:

TAL TAC = TestAmerica Tacoma

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-15162-1	RC001	Waste	08/27/2009 1530	08/27/2009 1755
580-15162-2	RC002	Waste	08/27/2009 1530	08/27/2009 1755
580-15162-3	RC003	Waste	08/27/2009 1530	08/27/2009 1755
580-15162-4	RC004	Waste	08/27/2009 1530	08/27/2009 1755
580-15162-5	RC005	Waste	08/27/2009 1530	08/27/2009 1755
580-15162-6	RC006	Waste	08/27/2009 1530	08/27/2009 1755

**Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC001

Lab Sample ID: 580-15162-1

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch: 580-49366	Instrument ID:	TAC034
Preparation:	3580A	Prep Batch: 580-49276	Initial Weight/Volume:	2.1108 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	08/29/2009 1536		Injection Volume:	1.0 µL
Date Prepared:	08/27/2009 2036		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.047
PCB-1221		ND		0.047
PCB-1232		ND		0.047
PCB-1242		ND		0.047
PCB-1248		ND		0.047
PCB-1254		3.9		0.047
PCB-1260		2.9		0.047

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	116		45 - 155
DCB Decachlorobiphenyl	124		60 - 125

## Analytical Data

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC002

Lab Sample ID: 580-15162-2

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-49366	Instrument ID:	TAC034
Preparation:	3580A	Prep Batch: 580-49276	Initial Weight/Volume:	1.9970 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	08/29/2009 1551		Injection Volume:	1.0 µL
Date Prepared:	08/27/2009 2036		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.050
PCB-1221		ND		0.050
PCB-1232		ND		0.050
PCB-1242		ND		0.050
PCB-1248		ND		0.050
PCB-1254		1.3		0.050
PCB-1260		ND		0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	119		45 - 155
DCB Decachlorobiphenyl	113		60 - 125

**Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC003

Lab Sample ID: 580-15162-3

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch: 580-49366	Instrument ID:	TAC034
Preparation:	3580A	Prep Batch: 580-49276	Initial Weight/Volume:	2.0787 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	08/29/2009 1607		Injection Volume:	1.0 uL
Date Prepared:	08/27/2009 2036		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.048
PCB-1221		ND		0.048
PCB-1232		ND		0.048
PCB-1242		ND		0.048
PCB-1248		ND		0.048
PCB-1254		0.15		0.048
PCB-1260		ND		0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	123		45 - 155
DCB Decachlorobiphenyl	123		60 - 125

**Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC004

Lab Sample ID: 580-15162-4

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch: 580-49366	Instrument ID:	TAC034
Preparation:	3580A	Prep Batch: 580-49276	Initial Weight/Volume:	2.0151 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	08/29/2009 1622		Injection Volume:	1.0 µL
Date Prepared:	08/27/2009 2036		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.050
PCB-1221		ND		0.050
PCB-1232		ND		0.050
PCB-1242		ND		0.050
PCB-1248		ND		0.050
PCB-1254		0.43		0.050
PCB-1260		0.37		0.050

  

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	116		45 - 155
DCB Decachlorobiphenyl	112		60 - 125



**Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC005

Lab Sample ID: 580-15162-5

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch: 580-49366	Instrument ID:	TAC034
Preparation:	3580A	Prep Batch: 580-49276	Initial Weight/Volume:	2.1071 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	08/29/2009 1638		Injection Volume:	1.0 uL
Date Prepared:	08/27/2009 2036		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.047
PCB-1221		ND		0.047
PCB-1232		ND		0.047
PCB-1242		ND		0.047
PCB-1248		ND		0.047
PCB-1254		0.39		0.047
PCB-1260		0.31		0.047

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	120		45 - 155
DCB Decachlorobiphenyl	108		60 - 125

**Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC006

Lab Sample ID: 580-15162-6

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch:	580-49366	Instrument ID:	TAC034
Preparation:	3580A	Prep Batch:	580-49276	Initial Weight/Volume:	2.0220 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	08/29/2009 1653			Injection Volume:	1.0 µL
Date Prepared:	08/27/2009 2036			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.049
PCB-1221		ND		0.049
PCB-1232		ND		0.049
PCB-1242		ND		0.049
PCB-1248		ND		0.049
PCB-1254		ND		0.049
PCB-1260		ND		0.049

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	124		45 - 155
DCB Decachlorobiphenyl	122		60 - 125

# **Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC001

Lab Sample ID: 580-15162-1

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

## **6010B Metals (ICP)-TCLP**

Method:	6010B	Analysis Batch: 580-49465	Instrument ID:	SEA027
Preparation:	3010A	Prep Batch: 580-49405	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 580-49332	Initial Weight/Volume:	50 mL
Date Analyzed:	08/31/2009 1632		Final Weight/Volume:	50 mL
Date Prepared:	08/31/2009 1028			
Date Leached:	08/28/2009 1416			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier
Lead		0.031	RL 0.030

## Analytical Data

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC002

Lab Sample ID: 580-15162-2

Client Matrix: Waste

Date Sampled: 08/27/2009 1530

Date Received: 08/27/2009 1755

### 6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 580-49465	Instrument ID:	SEA027
Preparation:	3010A	Prep Batch: 580-49405	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 580-49332	Initial Weight/Volume:	50 mL
Date Analyzed:	08/31/2009 1708		Final Weight/Volume:	50 mL
Date Prepared:	08/31/2009 1028			
Date Leached:	08/28/2009 1416			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier
Lead		ND	RL 0.030

## Analytical Data

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC003

Lab Sample ID: 580-15162-3

Client Matrix: Waste

Date Sampled: 08/27/2009 1530

Date Received: 08/27/2009 1755

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### 6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch:	580-49465	Instrument ID:	SEA027
Preparation:	3010A	Prep Batch:	580-49405	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch:	580-49332	Initial Weight/Volume:	50 mL
Date Analyzed:	08/31/2009 1712			Final Weight/Volume:	50 mL
Date Prepared:	08/31/2009 1028				
Date Leached:	08/28/2009 1416				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier
Lead		0.047	RL 0.030

**Analytical Data**

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC004

Lab Sample ID: 580-15162-4

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

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**6010B Metals (ICP)-TCLP**

Method:	6010B	Analysis Batch: 580-49465	Instrument ID:	SEA027
Preparation:	3010A	Prep Batch: 580-49405	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 580-49332	Initial Weight/Volume:	50 mL
Date Analyzed:	08/31/2009 1716		Final Weight/Volume:	50 mL
Date Prepared:	08/31/2009 1028			
Date Leached:	08/28/2009 1416			

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Lead		0.036		0.030

## Analytical Data

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC005

Lab Sample ID: 580-15162-5

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

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### 6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch:	580-49465	Instrument ID:	SEA027
Preparation:	3010A	Prep Batch:	580-49405	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch:	580-49332	Initial Weight/Volume:	50 mL
Date Analyzed:	08/31/2009 1721			Final Weight/Volume:	50 mL
Date Prepared:	08/31/2009 1028				
Date Leached:	08/28/2009 1416				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Lead		ND		0.030

## Analytical Data

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Client Sample ID: RC006

Lab Sample ID: 580-15162-6

Date Sampled: 08/27/2009 1530

Client Matrix: Waste

Date Received: 08/27/2009 1755

### 6010B Metals (ICP)-TCLP

Method: 6010B

Analysis Batch: 580-49465

Instrument ID: SEA027

Preparation: 3010A

Prep Batch: 580-49405

Lab File ID: N/A

Dilution: 1.0

Leachate Batch: 580-49332

Initial Weight/Volume: 50 mL

Date Analyzed: 08/31/2009 1725

Final Weight/Volume: 50 mL

Date Prepared: 08/31/2009 1028

Date Leached: 08/28/2009 1416

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier
Lead		ND	RL 0.030



## DATA REPORTING QUALIFIERS

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Lab Section	Qualifier	Description
GC Semi VOA	X	Surrogate exceeds the control limits

## Quality Control Results

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

### Method Blank - Batch: 580-49276

Method: 8082  
Preparation: 3580A

Lab Sample ID: MB 580-49276/1-A  
Client Matrix: Waste  
Dilution: 1.0  
Date Analyzed: 08/29/2009 1709  
Date Prepared: 08/27/2009 2036

Analysis Batch: 580-49366  
Prep Batch: 580-49276  
Units: mg/Kg

Instrument ID: TAC034  
Lab File ID: PCB23427.D  
Initial Weight/Volume: 2 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 µL  
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		0.050
PCB-1221	ND		0.050
PCB-1232	ND		0.050
PCB-1242	ND		0.050
PCB-1248	ND		0.050
PCB-1254	ND		0.050
PCB-1260	ND		0.050
Surrogate	% Rec	Acceptance Limits	
Tetrachloro-m-xylene	122	45 - 155	
DCB Decachlorobiphenyl	123	60 - 125	

### Lab Control Sample - Batch: 580-49276

Method: 8082  
Preparation: 3580A

Lab Sample ID: LCS 580-49276/2-A  
Client Matrix: Waste  
Dilution: 1.0  
Date Analyzed: 08/29/2009 1724  
Date Prepared: 08/27/2009 2036

Analysis Batch: 580-49366  
Prep Batch: 580-49276  
Units: mg/Kg

Instrument ID: TAC034  
Lab File ID: PCB23428.D  
Initial Weight/Volume: 2 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 µL  
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.500	0.536	107	40 - 140	
PCB-1260	0.500	0.566	113	60 - 130	
Surrogate	% Rec	Acceptance Limits			
Tetrachloro-m-xylene	128			45 - 155	
DCB Decachlorobiphenyl	126	X		60 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

### Method Blank - Batch: 580-49405

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 580-49405/10-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/31/2009 1625  
Date Prepared: 08/31/2009 1028

Analysis Batch: 580-49465  
Prep Batch: 580-49405  
Units: mg/L

Instrument ID: SEA027  
Lab File ID: N/A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.030

### Lab Control Sample/

### Lab Control Sample Duplicate Recovery Report - Batch: 580-49405

Method: 6010B

Preparation: 3010A

LCS Lab Sample ID: LCS 580-49405/11-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/31/2009 1651  
Date Prepared: 08/31/2009 1028

Analysis Batch: 580-49465  
Prep Batch: 580-49405  
Units: mg/L

Instrument ID: SEA027  
Lab File ID: N/A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-49405/12-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/31/2009 1654  
Date Prepared: 08/31/2009 1028

Analysis Batch: 580-49465  
Prep Batch: 580-49405  
Units: mg/L

Instrument ID: SEA027  
Lab File ID: N/A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Lead	99	100	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

### Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 580-49405

Method: 6010B  
Preparation: 3010A  
TCLP

MS Lab Sample ID: 580-15162-1  
Client Matrix: Waste  
Dilution: 1.0  
Date Analyzed: 08/31/2009 1641  
Date Prepared: 08/31/2009 1028  
Date Leached: 08/28/2009 1416  
Analysis Batch: 580-49465  
Prep Batch: 580-49405  
Leachate Batch: 580-49332

Instrument ID: SEA027  
Lab File ID: N/A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 580-15162-1  
Client Matrix: Waste  
Dilution: 1.0  
Date Analyzed: 08/31/2009 1644  
Date Prepared: 08/31/2009 1028  
Date Leached: 08/28/2009 1416  
Analysis Batch: 580-49465  
Prep Batch: 580-49405  
Leachate Batch: 580-49332

Instrument ID: SEA027  
Lab File ID: N/A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Lead	93	89	50 - 150	4	20		

### Duplicate - Batch: 580-49405

Method: 6010B  
Preparation: 3010A  
TCLP

Lab Sample ID: 580-15162-1  
Client Matrix: Waste  
Dilution: 1.0  
Date Analyzed: 08/31/2009 1637  
Date Prepared: 08/31/2009 1028  
Date Leached: 08/28/2009 1416  
Analysis Batch: 580-49465  
Prep Batch: 580-49405  
Units: mg/L  
Leachate Batch: 580-49332

Instrument ID: SEA027  
Lab File ID: N/A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Lead	0.031	0.0325	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.



## CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

☐ 1 Hill Avenue, Braintree, MA 02184

Tel. (781) 849-1800

☐ RTE. 2, Box 170, Waynoka, OK 73860

Tel. (580) 697-3500

☐ 12400 247<sup>th</sup> Avenue SE, Sawyer, ND 58781

Tel. (701) 624-5622

☐ 2202 Genoa Red Bluff Road, Houston, TX 77034

Tel. (281) 478-7700

☐ 5295 S. Garvey Road, Westmorland, CA 92281

Tel. (760) 344-9400

☐ Other

Client: Ariel Development Project Name: Rainier Commons Work Order/P.O. #: \_\_\_\_\_ Date: 8/27/09  
Report To: Shawn Estrada Address: 14320 Des Moines Avenue, Suite 400, San Diego, CA 92148 Phone #: 619-240-0632

Sample I.D.	Sampling Information				Analysis												CHES Sample #	
	Date	Time	Station Location	Sample Matrix	8082/608	PB	1061	Lead	Pb	Lead	PAH							
RC001	8/27/09	3:35pm		S	X	X	X											
RC002				S	X	X	X											
RC003				S	X	X	X											
RC004				S	X	X	X											
RC005				S	X	X	X											
RC006				L	X	X	X											
Relinquished by Sampler: _____				VOA Vial														COMMENTS: (Fax Number, cautions, special instructions)  <u>hand del.</u> <u>ambient</u>
Date: <u>8/27/09</u> Time: <u>5:50pm</u>				Glass Bottle														
Received by: <u>Shawn Estrada</u>				Plastic Bottle														
Date: <u>8/27/09</u> Time: <u>12:50pm</u>				Preservation														
Relinquished by Sampler: _____				Volume														
Date: _____ Time: _____				DOT Shipping Name:														
Received by: _____																		
Date: _____ Time: _____																		
Standard laboratory turnaround time is 1 week from date of receipt. Accelerated turnaround may be assessed a surcharge.																		Location of samples: _____
Turnaround: <u>24 Hrs.</u> 48 Hrs. 1 Week Other: _____																		

OFFICE COPY

## Login Sample Receipt Check List

Client: Clean Harbors Environmental Services Inc

Job Number: 580-15162-1

Login Number: 15162  
 Creator: Curbow, Heather  
 List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Ambient, hand delivered
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	False	Ambient
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	N/A	